Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start		Rating **	Α	Issue No.		5		
LM End		Issue Type +	Ма	Location *		N/A		
Catagony	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item	Operations & Maintenance				0		0	
item	Manuals				0		0	
DWR ID	DWR_ST0	011_01_s _ 201	3_5					
		Comn	nent Cod	le				
			_					
		Inspecto	or Comm	ent				
The Sacra	The Sacramento Maintenance Yard has the levee O&M manuals.							
The Sacra	mento Mai	•	or Comm d has the		M m	anuals.		

No Photos

LM Start		Rating **	Α	Issue No.		6		
LM End		Issue Type +	Ma	Location *		N/A		
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory				Start		End		
Item	Emergency Supplies &				0		0	
пеш	Equipmer	nt			0		0	
DWR ID	DWR_ST0	011_01_s _ 201	3_6					
		Comn	nent Cod	le				
	Inspector Comment							
The Sacra	mento Ma	intenance Yar	d mainta	ins a stock	pile	of flood		

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

CR: Crown

response materials.

* Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start		Rating **	Α	Issue No.		7		
LM End		Issue Type +	Ма	Location *		N/A		
	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item	Flood Preparedness & Training				0		0	
пеш					0		0	
DWR ID	DWR_ST0	011_01_s _ 201	3_7					
		Comn	nent Cod	le				
		Inspecto	or Comm	ent				

No Photos

The Sacramento Maintenance Yard maintains a written flood response

plan and regular flood response training.

LM Start	0.00	Rating **	U	Issue No.		14
LM End	2.72	Issue Type +	Ma	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Vegetatio	n		38.7589	35 °	38.724274 °
item				-121.6675	21 °	-121.665112 °
DWR ID DWR_ST0011_01_s _ 2017_14						
		Comn	nent Coc	ما		

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2017_ST0011_291_14_20170413_00021.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	0.00 Rating ** U			Issue No.		13
LM End	2.72	Issue Type +	Ma	Location *		WS
Category	evee	GPS La	titud	le/Longitude		
Calegory			Start		End	
Item	Vegetatio	n		38.7589	33 °	38.724274 °
пеш				-121.6675	19°	-121.665112°
DWR ID DWR_ST0011_01_s _ 2017_13						
		Comn	nent Cod	de		

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.18	Rating **	М	Issue No.		15	
LM End	2.18	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.7298	22 °	38.729822 °	
пеш				-121.660268 °		-121.660268 °	
DWR ID	DWR_ST0	011_01_s _ 201	7_15				
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			
Fallen tree on waterside levee toe.							



View of fallen tree at waterside levee toe, looking downstream. Spring 2017.

LM Start	2.20	Rating **	М	Issue No.		16	
LM End	2.20	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		38.7295	88°	38.729588 °	
пеш			-121.6602	263°	-121.660263 °		
DWR ID	DWR ID DWR_ST0011_01_s _ 2017_16						
		Comn	nent Cod	de			
TR : Tree	or limb						
			_				
		Inspecto	or Comm	nent			
Fallen tree	on waters	side levee toe	and slop	e.			



View of fallen tree on waterside levee slope, looking downstream. Spring 2017.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.53	Rating **	М	Issue No.		2	
LM End	2.69	Issue Type +	Ma	Location *	WS		
Supplemental				GPS La	atitud	le/Longitude	
Category				Start		End	
Item		2015 USACE Erosion Survey,			05 °	38.724385	0
пеш	DRAFT			-121.662041 °		-121.664564	0
DWR ID	DWR_ST0	011_01_s _ 201	6_2				
		Comn	nent Cod	de			
		Inonocto	or Comm	ont			

Inspector Comment

2006 - Slow wave wash and general fluvial erosion of the toe area under river cobbles. Erosion is creating a scarp and cobble covered wave-cut bench. 2011 - Site appears better than it looked in 2006, but still eroding. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-6_R]

LM Start	2.63	Rating **	A/W	Issue No.		18	
LM End	2.63	Issue Type +	Ма	Location *		WS	
Supplemental			GPS Latitude/Longitude				
Category			Start		End		
Item	DWR UC	IP LMA Respo	onsibility	38.72482	4°	38.724824°	
пеш				-121.66370	2 °	-121.663702°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:50787 DS_ID:17742 EP_NO: 10284

Repair Type: No Action Needed

Crossing Status: Found

UCIP Comments: Screw gates where removed and pipe was abanded

by farmer, How pipe was abanded is unknown.

FIELD_STRUCT_DESC: One of two pipes.Two 42-inch CM drainpipes

through levee 23.6 feet below crown. Concrete spill box at toe of

landward slope. (ABO No. 10284 - Hershey). O&M manual 127, Revision Year 2011 FS Date: 11/18/2016 2:57:05 PM Photo 1 of 3: UCIP_SP_2017_50787_60304.jpg

No Photos



Waterside view: overview (pipe not found)

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.63	2.63 Rating ** A/W		Issue No.		18 (cont)
LM End	2.63	Issue Type +	Ма	Location *		WS
Category	Supplemental				tituc	le/Longitude
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	38.72482	24 °	38.724824 °
пеш				-121.66370)2 °	-121.663702 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:50787 DS_ID:17742 EP_NO: 10284

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Screw gates where removed and pipe was abanded

by farmer, How pipe was abanded is unknown.

FÍELD_STRUCT_DESC: One of two pipes.Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of

landward slope. (ABO No. 10284 - Hershey). O&M manual 127, Revision Year 2011 FS Date: 11/18/2016 2:57:05 PM

LM Start	2.63	Rating **	A/W	Issue No.	18 (cont)
LM End	2.63	Issue Type +	Ma	Location *	WS



Landside view: concrete spillbox/headwall and pipe (top view)

Photo 3 of 3: UCIP_SP_2017_50787_60302.jpg



Landside view: side of concrete spillbox/headwall

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.64	Rating **	Rating ** A/W Issue No.		19			
LM End	2.64	Issue Type +	Ма	Location *		Ma Location *		WS
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCI	P LMA Respo	onsibility	38.72481	1 °	38.724811°		
пеш				-121.66373	86 °	-121.663736 °		
DWR ID								

Comment Code

Inspector Comment

FS_ID:50788 DS_ID:17747 EP_NO: 10284

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: No slide gate found. slide gates and pipes were

abandon by farmer, how unknown

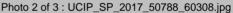
FIELD_STRUCT_DESC: Two of two pipes. Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of

landward slope. (ABO No. 10284 - Hershey). O&M manual 127, Revision Year 2011 FS Date: 11/18/2016 2:57:12 PM

LM Start	2.64	Rating **	A/W	Issue No.	19 (cont)
LM End	2.64	Issue Type +	Ma	Location *	WS



Waterside view: overview





Landside view: concrete spill box

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.64	Rating **	A/W	Issue No.		19 (cont)
LM End	2.64	Issue Type +	Ма	Location *	WS	
Supplemental GPS L				GPS Lat	ituc	le/Longitude
Category	Start					End
Item	DWR UC	IP LMA Respo	nsibility	38.72481	1°	38.724811 °
пеш				-121.66373	6°	-121.663736 °
DWR ID						
Comment Code						

Inspector Comment

FS_ID:50788 DS_ID:17747 EP_NO: 10284

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: No slide gate found. slide gates and pipes were

abandon by farmer, how unknown

FIELD_STRUCT_DESC: Two of two pipes. Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of

landward slope. (ABO No. 10284 - Hershey). O&M manual 127, Revision Year 2011 FS Date: 11/18/2016 2:57:12 PM



Landside view: CM pipe with flap gate

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	04/05/2017 04/05/2017	Zach Jojola

		5 ++						
LM Start	0.01	Rating **	U	Issue No.		4		
LM End	1.43	Issue Type +	Ma	Location *	WS			
Category	evee	GPS La	atitud	le/Longitude				
Calegory				Start		End		
Item	Vegetation 38.718969 ° 38.69987							
пеш	-121.664111 ° -121.67403							
DWR ID DWR_ST0011_02_s _ 2017_4								
		Comn	nent Cod	le				
V1 : Contr	ol annual g	grass and wee	ds on th	e levee slo	pes	and		
easement	S.							
		Inspecto	or Comm	nent				



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.01	Rating **	U	Issue No.		2	
LM End	1.51	Issue Type +	Ма	Location *	LS		
Category	evee	GPS La	atitud	le/Longitude			
Calegory				Start		End	
Item	Vegetatio	n	38.7189	69°	38.698683 °		
пеш				-121.6641	11 °	-121.674135 °	
DWR ID DWR_ST0011_02_s _ 2017_2							
		Comn	nent Cod	le			
V1 : Contreasements		rass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			



Tall grass on landside levee slope, blocking visibility. Spring 2017.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.15	04/05/2017 04/05/2017	Zach Jojola

1110	0.04	Rating **		Issue No.			
LM Start	0.01	Rating	U	issue ivo.		5	
LM End	0.78	Issue Type +	Ma	Location *	WS		
Category	evee	GPS L	atitud	e/Longitude			
Odlogory				Start		End	
Item	Vegetatio	n		38.6984	96°	38.687364°	
item				-121.674131 °		-121.673715 °	
DWR ID	DWR_ST0	011_03_s _ 201	7_5				
		Comn	nent Cod	de			
V1 : Contre	•	grass and wee	eds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.01	Rating **	U	Issue No.		4	
LM End	0.76	Issue Type +	Ma	Location *		LS	
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.6984	96°	38.687575 °	
пеш				-121.674129 °		9° -121.673738°	
DWR ID DWR_ST0011_03_s _ 2017_4							
		Comn	nent Cod	le			
V1 : Contr	ol annual g	grass and wee	ds on th	e levee slo	pes a	and	
easement	S.						
		Inspecto	or Comm	nent			



Tall grass on landside levee slope, blocking visibility. Spring 2017.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.15	04/05/2017 04/05/2017	Zach Jojola

LM Start	1.13	Rating **	U	Issue No.		2
LM End	1.48	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS L	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.6822	64°	38.677228°
пеш		-121.672897 °		-121.672800°		
DWR ID DWR_ST0011_03_s _ 2017_2						
		Comn	nent Cod	de		
V1 : Contre	•	grass and wee	eds on th	e levee slo	pes a	and
		Inspecto	or Comm	nent		



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	4.40							
LIVI Start	1.13	Rating **	U	Issue No.		3		
LM End	1.48	Issue Type +	Ма	Location *		WS		
Category	evee	GPS La	atitud	le/Longitude				
Category			Start		End			
Item	Vegetation	า		38.6822	64°	38.677228 °		
item			-121.6728	97 °	-121.672800 °			
DWR ID DWR_ST0011_03_s _ 2017_3								
		Comn	nent Cod	le				
V1 : Contro easements		rass and wee	ds on th	e levee slop	oes a	and		
		Inspecto	or Comm	ent				



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.01	Rating **	М	Issue No.		20		
LM End	0.52	Issue Type +	Ma	Location *		WS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	n		38.5741	79°	38.566863°		
item				-121.6387	30°	-121.638889 °		
DWR ID	DWR ID DWR_ST0011_04_s _ 2017_20							
		Comn	nent Cod	le				
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	oes a	and		
easements	S.							
		Inspecto	or Comm	nent				

No Photos

LM Start	0.01	Rating **	М	Issue No.		22		
LM End	0.52	Issue Type +	Ma	Location *	LS			
Category	Earthen L	le/Longitude						
Calegory				End				
Item	Vegetatio	n		38.574179°		38.566863 °		
пеш				-121.63873	30°	-121.638889 °		
DWR ID	DWR_ST0	011_04_s _ 201	7_22					
Comment Code								
V1 · Contro	1/1 : Control annual grass and weeds on the levee slones and							

No Photos

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.06	Rating **	М	Issue No.		23	
LM End	0.06	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item		rface / Depres	ssions /	38.5734	82°	38.573482 °	
пеш	Rutting			-121.6387	34°	-121.638734°	
DWR ID DWR_ST0011_04_s _ 2017_23							
		Comn	nent Cod	le			
C3 : Add a	ppropriate	gravel or roa	d base.	Grade and	com	pact.	
		Inspecto	or Comm	nent			

No Photos

No Photos

LM Start	0.52	Rating **	М	Issue No.		24		
LM End	0.52	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Slope Stability			38.56675	66°	38.566756	0	
пеш		-121.63		-121.63888	80°	-121.638880	0	
DWR ID	DWR_ST0	011_04_s _ 201	7_24					

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Comment Code

LM Start	0.55	Rating **	С	Issue No.		13	
LM End	0.55	Issue Type +	Ma	Location *	* CR		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Repair Gates			38.5663	22°	38.566322	0	
пеш		-121.638893 °		-121.638893	0		
DWR ID	DWR ID DWR_ST0011_04_f _ 2016_13						
		Comn	nent Cod	le			
Inspector Comment							
Unable to open gates north of RR crossing. Steel rod hardly moves.							

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.60	Rating **	A/W	Issue No.		34	
LM End	0.60	Issue Type +	Ma	Location *		CR	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	38.5657	04°	38.565704	0
item	em			-121.6386	50°	-121.638650	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:44826 DS_ID:528 EP_NO: 10304

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 30-inch CM pipe through levee 22.0 feet below crown. Flap gate on waterward end. (ABO No. 10304 - Southern

Pacific Transportation Company).

O&M manual 120, Revision Year 2010.

FS Date: 4/28/2015 2:58:55 PM

LM Start	0.60	Rating **	A/W	Issue No.	34 (cont)
LM End	0.60	Issue Type +	Ma	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_44826_60517.jpg



Landside view: concrete headwall.

Photo 2 of 3: UCIP_SP_2017_44826_60516.jpg



Landside view: closer look at the headwall.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.60	Rating **	A/W	Issue No.		34 (cont)
LM End	0.60	Issue Type +	Ма	Location *	CR	
Supplemental				GPS Latitude/Longitude		
Calegory			S			End
Item	DWR UCIP LMA Responsibility			38.56570)4°	38.565704°
пеш				-121.63865	50°	-121.638650 °
DWR ID						
Comment Code						

Inspector Comment

FS_ID:44826 DS_ID:528 EP_NO: 10304

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch CM pipe through levee 22.0 feet below crown. Flap gate on waterward end. (ABO No. 10304 - Southern

Pacific Transportation Company).

O&M manual 120, Revision Year 2010.

FS Date: 4/28/2015 2:58:55 PM



Landside view: overview

LM Start	0.62	Rating **	М	Issue No.		28	
LM End	0.74	Issue Type +	Ма	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start	End		
Item	Vegetation			38.5653	64°	38.563720	0
пеш				-121.638476		-121.638371	0
DWR ID	WR ID DWR_ST0011_04_s _ 2017_28						
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.62	Rating **	М	Issue No.		29	
LM End	0.74	Issue Type +	Ma	Location *		LS	
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetation			38.5653	64 °	38.563720°	
пеш				-121.638476 °		-121.638371 °	
DWR ID DWR_ST0011_04_s _ 2017_29							
		Comn	nent Cod	le			
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slop	oes a	and	
easements	S.						
Inspector Comment							

No Photos

LM Start	0.68	Rating **	М	Issue No.		12		
LM End	0.69	Issue Type +	Ma	Location *	CR			
Category Earthen Levee				GPS La	atitud	le/Longitude		
				Start		End		
Item		rface / Depres	ssions /	38.564543°		38.564403 °		
item	Rutting			-121.6383	55 °	-121.638359 °		
DWR ID	DWR ID DWR_ST0011_04_f _ 2016_12							
Comment Code								
00 0			. 1					

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

Photo 1 of 1: SP_2017_ST0011_294_12_20170320_00008.jpg



Asphalt paved crown has depression at this site. Fall 2016.

LM Start	0.77	Rating **	U	Issue No.		30	
LM End	0.77	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Erosion /	Bank Caving		38.56325	51 °	38.563251 °	
Item				-121.63829	99°	-121.638299 °	
DWR ID DWR_ST0011_04_s _ 2017_30							
Comment Code							

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Large sloughing section on landside levee slope.



view of sloughing of failuside levee slope. Spring 2017

Location Rating + Issue Type LS: Land Side N/A: Not Applicable Ma: Maintenance Deficiancy N: Not Inspected/Rated A: Acceptable WS: Water Side M : Minimally Acceptable C : Corrected Ob: Design & System Obsolescence A/W : Acceptable but Monitor & Maintain CR : Crown U : Unacceptable

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.78	Rating **	М	Issue No.		32	
LM End	0.80	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atituc	de/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		38.5631	81 °	38.562769°	
пеш				-121.6383	06°	-121.638309 °	
DWR ID DWR_ST0011_04_s _ 2017_32							
		Comn	nent Cod	le			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			
Section of wave wash erosion on waterside levee slope.							

LM Start	0.78	Rating **	М	Issue No.	32 (cont)
LM End	0.80	Issue Type +	Ма	Location *	WS



View of wave wash erosion on waterside levee slope. Spring 2017.

Photo 2 of 2: SP_2017_ST0011_294_32_20170419_00024.jpg



Additional view of erosion on waterside levee slope. Spring 2017.

LM Start	0.80	Rating **	М	Issue No.		31
LM End	3.61	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.5627	75°	38.523700°
item				-121.638318 °		-121.631465°
DWR ID DWR_ST0011_04_s _ 2017_31						
		Comn	nent Cod	le		
V1 : Contro easements		rass and wee	eds on th	e levee slo	pes a	and
		Inspecto	or Comm	ent		



Tall grass on landside levee slope, blocking visibility. Spring 2017.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.84	Rating **	М	Issue No.	33	
LM End	3.61	Issue Type +	Ma	Location *		WS
Earthen Levee				GPS L	atitud	le/Longitude
Calegory	Category					End
Vegetation			38.562202°		38.523700 °	
пеш				-121.6382	269°	-121.631465 °
DWR ID	DWR_ST0	011_04_s _ 201	7_33			
		Comn	nent Cod	le		
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1: SP_2017_ST0011_294_33_20170419_00025.jpg

View of tall grass on waterside levee slope, blocking visibility. Spring

LM Start	1.00 Rating ** M		Issue No.		16	
LM End	1.00	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Slope Sta	bility		38.5599	98°	38.559998°
пеш	-121.638014 ° -121.638014 °					
DWR ID	DWR_ST0011_04_f _ 2016_16					

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



Slope was damaged by vehicle. Fall 2016.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.44	Rating **	A/W	Issue No.		21	
LM End	1.44	Issue Type +	Ма	Location *	LS		
Category Earthen Levee GPS Latitude/Longitude							
Calegory	Start End						
Item	Animal Control 38.554636° 38						0
item	-121.633619° -121.633619°						
DWR ID DWR_ST0011_04_f _ 2016_21							
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Animal burrow at LS toe.



View of an animal burrow, Fall 2016.

LM Start	2.10	Rating **	A/W	Issue No.		41	
LM End	2.10	Issue Type +	Ma	Location *		LS	
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UCIP LMA Responsibility			38.5456	46°	38.545646 °	
пеш				-121.6311	72 °	-121.631172 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:44822 DS_ID:17736 EP_NO: 10306

Repair Type: No Action Needed

Crossing Status: Found

UCIP Comments: Farmer cleans this screw gate every year FIELD_STRUCT_DESC: A 42-inch steel pipe inside a 48-inch CM drainpipe through the levee, 21.5 ft. below the crown and a flap gate on the waterside of the levee; w/ 2 cut-off walls, 1 headwall, and 1 saddle and apron.

ABO No. 10306.

O&M manual 119, Revision Year 2010 FS Date: 4/28/2015 2:57:49 PM

Photo 1 of 3: UCIP_SP_2017_44822_24980.jpg



Landside view: 42-inch steel pipe inside a 48-inch CMP

N: Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain Issue Type Ma: Maintenance Deficiancy

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	2.10	Rating **	A/W	Issue No.		41 (cont)	
LM End	2.10	Issue Type +	Ма	Location *		LS	
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UCIP LMA Responsibility			38.5456	46 °	38.545646 °	
пеш				-121.6311	72 °	-121.631172°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:44822 DS_ID:17736 EP_NO: 10306

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Farmer cleans this screw gate every year FIELD_STRUCT_DESC: A 42-inch steel pipe inside a 48-inch CM drainpipe through the levee, 21.5 ft. below the crown and a flap gate on the waterside of the levee; w/ 2 cut-off walls, 1 headwall, and 1 saddle and apron.

ABO No. 10306.

O&M manual 119, Revision Year 2010 FS Date: 4/28/2015 2:57:49 PM

LM Start	2.10	Rating **	A/W	Issue No.	41 (cont)
LM End	2.10	Issue Type +	Ma	Location *	LS



Landside view:closer look at 42-inch steel pipe and 48-inch CMP

Photo 3 of 3: UCIP_SP_2017_44822_24978.jpg



Landside view:closer look at 42-inch steel pipe and 48-inch CMP

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	2.11	Rating **	М	Issue No.		19
LM End	2.11	Issue Type +	Ма	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory						End
Item	Erosion / Bank Caving			38.54543	° o	38.545430 °
item	-121.631211 ° -121.631211					-121.631211 °
DWR ID	DWR ID DWR_ST0011_04_f _ 2016_19					

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

It appears that the ditch is beginning to erode the landside levee toe.

LM Start	2.11	Rating **	М	Issue No.	19 (cont)
LM End	2.11	Issue Type +	Ma	Location *	LS



View of erosion on landside levee slope. Fall 2016.

Photo 2 of 2: SP_2017_ST0011_294_19_20170320_00014.jpg



Closer view of erosion. Fall 2016.

LM Start	2.14 Rating ** M Issue No.				17			
LM End	2.14	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee	GPS La	atitud	le/Longitude			
Category			Start		End			
Item	Erosion /		38.5450	22 °	38.545022 °			
пеш				-121.6312	09°	-121.631209 °		
DWR ID	DWR ID DWR_ST0011_04_f _ 2016_17							
Comment Code								
E2 : Schedule repair of erosion site prior to the next inspection.								

Inspector Comment

It appears that the ditch is beginning to erode the landside levee toe.

Photo 1 of 2: SP_2017_ST0011_294_17_20170320_00010.jpg



View of erosion at landside levee toe. Fall 2016.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Ctt	2.14	Rating **	М	Issue No.		17 (cont)	
LM Start	2.14	rating	IVI	13306 140.	17 (cont)		
LM End	2.14	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Erosion / Bank Caving			38.545022 °		38.545022 °	
				-121.631209 °		-121.631209°	
DWR ID DWR_ST0011_04_f _ 2016_17							
Comment Code							
E2 : Schedule repair of erosion site prior to the next inspection.							
Inspector Comment							
It appears that the ditch is beginning to erode the landside levee toe.							



Closer view of erosion. Fall 2016.